

Lightsource Test Report

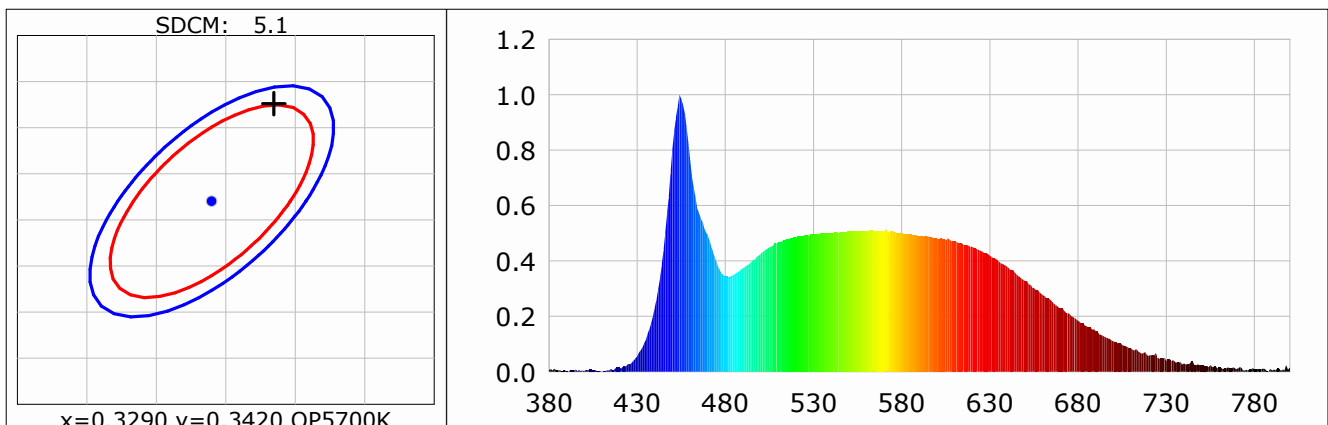
Product Information

Product Type: LHLBM155N30200 & LHLBMS155N30200

Product Number: 56

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3335$ $y=0.3526$ $u(u')=0.2032$ $v=0.3223$ $v'=0.4834$
 CCT: $T_c=5462K$ ($duv=0.00534$) Color Ratio: $R=0.158$ $G=0.782$ $B=0.060$
 Peak Wavelength: 454.2nm Half Bandwidth: 23.5nm
 Dominant Wavelength: 554.9nm Color Purity: 0.059
 CRI: $R_a=90.9$ TM30: $R_f=85$, $R_g=94$
 $R1=91$ $R2=96$ $R3=97$ $R4=88$ $R5=90$ $R6=93$ $R7=91$ $R8=81$
 $R9=52$ $R10=91$ $R11=89$ $R12=67$ $R13=93$ $R14=99$ $R15=87$
 Color Quality Scale: $Q_a=89.7$, $Q_f=89.8$, $Q_p=88.7$, $Q_g=94.1$
 $Q1=86$ $Q2=97$ $Q3=89$ $Q4=84$ $Q5=86$ $Q6=88$ $Q7=91$ $Q8=94$
 $Q9=98$ $Q10=97$ $Q11=94$ $Q12=93$ $Q13=92$ $Q14=86$ $Q15=87$



Photometric Parameters

Luminous Flux: 303.58 lm
 EEI: 0.17

Efficiency: 58.27 lm/W

Radiant Power: 1.177 W

Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 219.70V
 Power Factor: 0.3730

Current: 0.0700A
 Frequency: 50.00Hz

Power: 5.21W

Test Information

Scan Range: 380~800:1nm
 Stabilization Time: 0 Sec
 Max of Signal: 44285 (4180)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4π
 CCD Integration Time: 2189.08 ms